

Submit within 45 days of well completion	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505	Revised February 15, 2012	
		1. WELL API NO: 30-025-40088	
		2. Well Name: BLACK RAIDER BQK STATE #001H	
		3. Well Number: 001H	
HYDRAULIC FRACTURING FLUID DISCLOSURE <input checked="" type="checkbox"/> Original <input type="checkbox"/> Amendment		4. Surface Hole Location: Unit:M Lot:M Section:36 Township:24S Range:34E Feet from:330 N/S Line:S Feet from:660 E/W Line:W	
		5. Bottom Hole Location: Unit:M Lot:M Section:36 Township:24S Range:34E Feet from:330 N/S Line:S Feet from:660 E/W Line:W	
		6. latitude: longitude: 32.1676156684822 - 103.430037215994	
		7. County: Lea	
8. Operator Name and Address: YATES PETROLEUM CORPORATION 105 S 4TH ST ARTESIA 88210		9. OGRID: 25575	10. Phone Number:
11. Last Fracture Date: 12/3/2012 Frac Performed by: Schlumberger		12. Production Type: O	
13. Pool Code(s): 97959		14. Gross Fractured Interval: 9,735 ft to 13,563 ft	
15. True Vertical Depth (TVD): 9,335 ft		16. Total Volume of Fluid Pumped: 60,013 bbls	
17. HYDRAULIC FLUID COMPOSITION AND CONCENTRATION:			

Trade Name	Supplier	Purpose	Ingredients	(CAS #) Chemical Abstract Service #	Maximum Ingredient Concentration in Additive (% by mass)	Maximum Ingredient Concentration in HF Fluid (% by mass)
7.5% HCl, 15% HCl, WF110, WF120, YF120Flex	Schlumberger	Inhib,XL,FR,Biocide,Surf,Acid,Breaker,Gel,Chelant,Prop	Water (Including Mix Water Supplied by Client)*	-	0%	0.87%
			Crystalline silica	14808-60-7	94.39843%	12.47458%
			Phenolic resin	9003-35-4	4.71992%	0.62373%
			Hydrochloric acid	7647-01-0	1.23902%	0.16373%
			Carbohydrate polymer	Proprietary	1.18549%	0.15666%
			Cholinium chloride	67-48-1	0.85032%	0.11237%
			Methanol	67-56-1	0.59148%	0.07816%
			Oxyalkylated Alcohol (2)	Proprietary	0.5172%	0.06835%
			Propan-2-ol	67-63-0	0.42419%	0.05606%
			Aliphatic polyol	Proprietary	0.36777%	0.0486%
			Diammonium peroxidisulphate	7727-54-0	0.25739%	0.03401%
			Potassium hydroxide	1310-58-3	0.18388%	0.0243%
			Tetrasodium ethylenediaminetetraacetate	64-02-8	0.11352%	0.015%
			Oxyalkylated Alkyl Alcohol (1)	Proprietary	0.09301%	0.01229%
			Aliphatic co-polymer	Proprietary	0.07388%	0.00976%
			Oxyalkylated Alcohol (1)	Proprietary	0.04651%	0.00615%
			Quaternary ammonium compounds	Proprietary	0.04651%	0.00615%
			Heavy aromatic naphtha	64742-94-5	0.04651%	0.00615%
			Glutaraldehyde	111-30-8	0.04215%	0.00557%
			Aliphatic acids	Proprietary	0.02506%	0.00331%
			Aliphatic alcohols, ethoxylated #2	Proprietary	0.02506%	0.00331%
			Sodium erythorbate	6381-77-7	0.01857%	0.00245%
			Sodium hydroxide	1310-73-2	0.00946%	0.00125%
			Naphtalene (impurity)	91-20-3	0.0093%	0.00123%
			Prop-2-yn-1-ol	107-19-7	0.00835%	0.0011%
			Tetrakis(hydroxymethyl) phosphonium sulfate	55566-30-8	0.00429%	0.00057%
Trisodium nitrilotriacetate (impurity)	5064-31-3	0.00189%	0.00025%			

18. I, as Operator, hereby certify that the information shown on this disclosure form is true and complete to the best of my knowledge and belief.		
Signature:	<u>Signed Electronically</u>	Printed Name: <u>Tina Huerta</u>
		Regulatory Reporting Title: <u>Supervisor</u>
Date:	<u>1/16/2013</u>	
E-mail Address:	<u>tinah@ypcnm.com</u>	

NMOCD does not require the reporting of information beyond MSDS data as described in 29 CFR 1910.1200. NMOCD does not require the reporting or disclosure of proprietary, trade secret or confidential business information.